

What's the Optimal Energy Mix?

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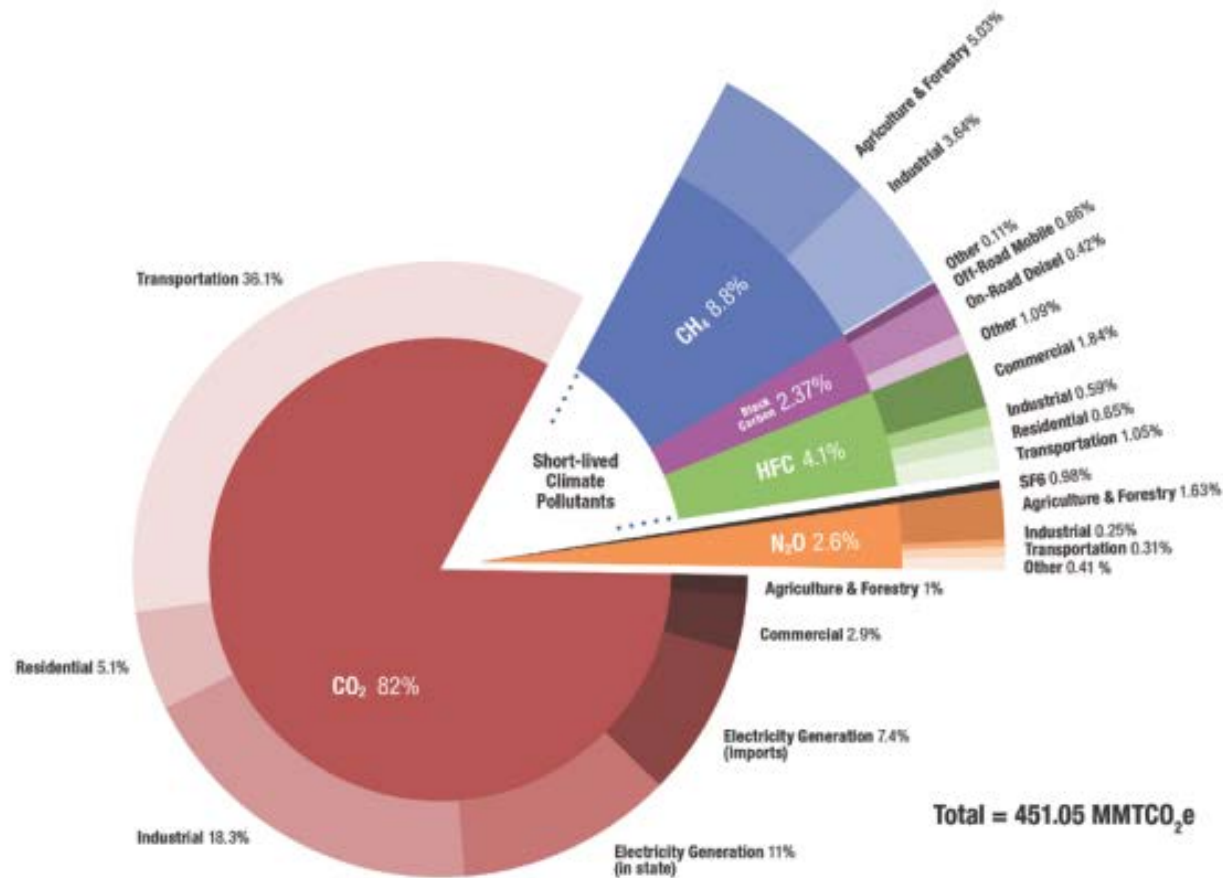
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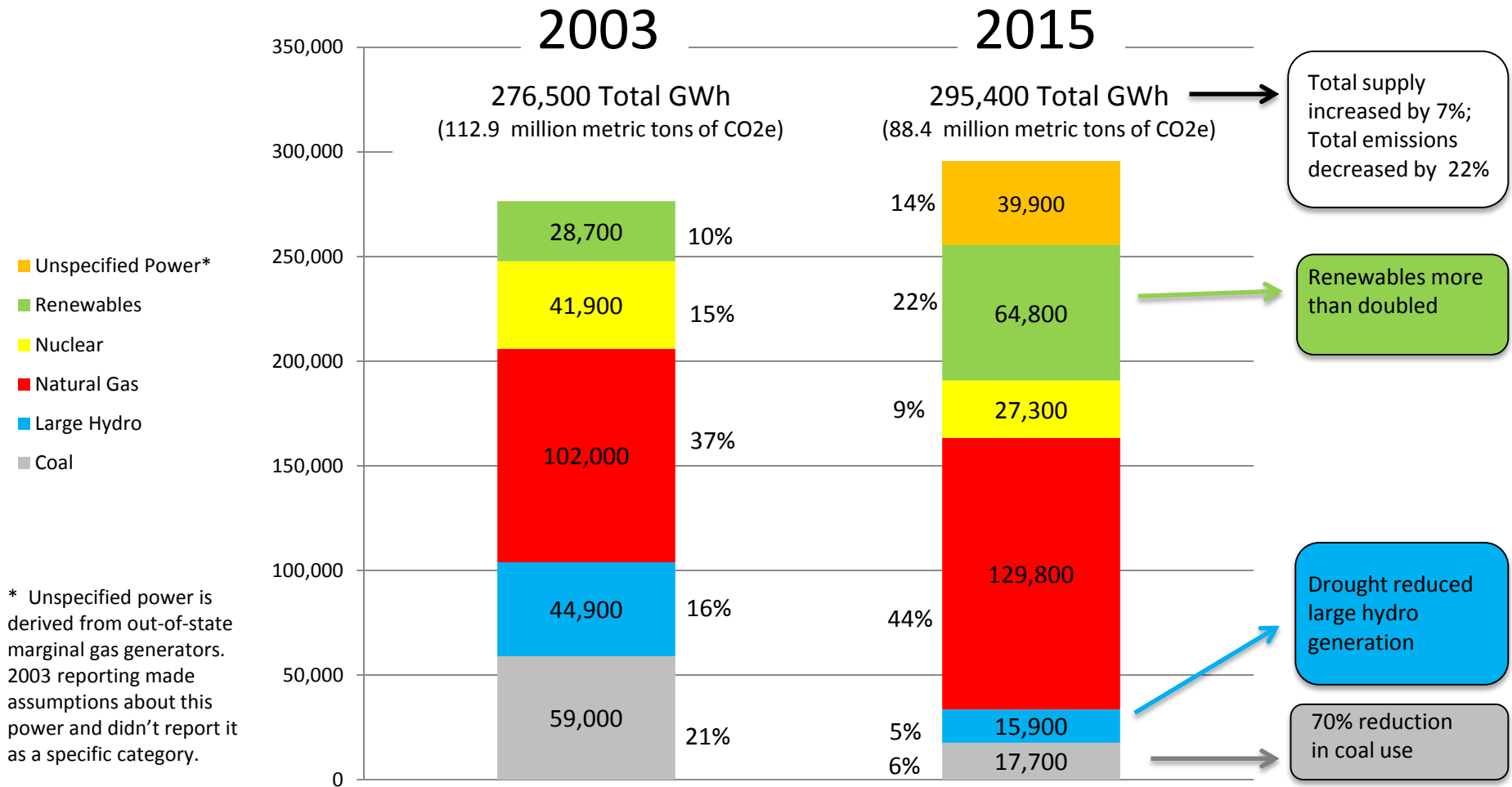
California 2015 GHG Emissions



Source: California Energy Commission staff using data from CARB's 2017 Greenhouse Gas Emissions Inventory of 2015 emissions. The total million metric tons of carbon dioxide equivalent in Figure 2 is higher than in Figure 1 because Figure 2 accounts for black carbon emissions. Black carbon emissions data are from 2013, the most recent data available. Also, by including black carbon in total GHG emissions, the percentage emissions per sector differs from Figure 1. (For example, the transportation sector is 36.2 percent of total when including black carbon and 38.5 percent when black carbon is not included.)



CA Power Mix Changes



Sources: : Energy supply mix from the Energy Commission's Total System Power. See http://www.energy.ca.gov/almanac/electricity_data/total_system_power.html. Emissions data from Air Resources Board's GHG Emission Inventory. See <https://www.arb.ca.gov/cc/inventory/inventory.htm>.



The New Duck

